

Converting Colors

Hex(D3604B)

Have a look what the booklet for
Hex(D3604B) contains.

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Color

Hex(D3604B)

Conversions

Conversions Part 1

Format	Color
Hex	D3604B
RGB	211, 96, 75
RGB Percent	83%, 38%, 29%
CMY	0.1725, 0.6235, 0.7059
CMYK	0.00, 0.55, 0.64, 0.17
HSL	9°, 61%, 56%
HSV	9°, 64%, 83%
XYZ	32.3168, 22.7226, 9.3392
YIQ	127.9910, 75.2810, 17.8490

Conversions

Conversions Part 2

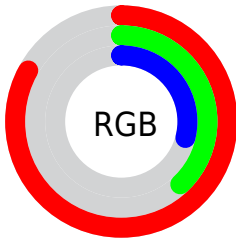
Format	Color
R_{YB}	211, 100, 75
Decimal	13852747
CIE _{Lab}	54.79, 43.87, 33.84
CIE _{LCh}	55, 55.406, 37.647
Yxy	22.7226, 0.5020, 0.3530
Android (android.graphics.Color)	4292042827 (0xFFD3604B)
YUV	127.9910, -26.1246, 72.7989
Hunter-Lab	47.6683, 37.5952, 21.7516

Details

The Hex color **D3604B** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4BBED3**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF957C**, and **972B1E** is the 20% darker color. If you saturate the color by 10%, you get **D34E36**, and if you desaturate by 10%, it is **D37260**.

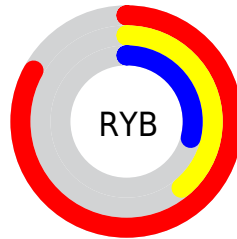
Distribution



Red (83%)

Green (38%)

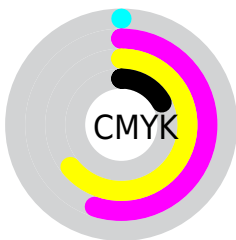
Blue (29%)



Red (83%)

Yellow (39%)

Blue (29%)

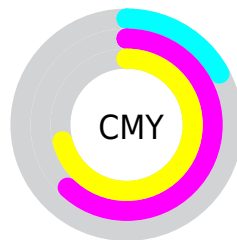


Cyan (0%)

Magenta (55%)

Yellow (64%)

Black (17%)



Cyan (17%)

Magenta (62%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3604B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D3604B by changing the saturation by 10% instead.

 D3604B

 D3604B

FFFFFF

 B54634

 FF957C

 972B1E

 FFB196

 790C07

 FFCDB1

 5C0000

 FFEACD

 3F0000

 FFFFEE9

 230001

 000000

 D3604B

 D3604B

 D34E36

 D37260

 D33C21

 D38475

 D32A0C

 D3968A

 D32100

 D3A79F

 D3B9B5

 D3CBCA

 D3DDDF

 D3EFF4

 D3FFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DA5579



D3604B



B87326

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D3604B



00975D



2D85E2

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D3604B



4BBED3

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0092DB



D3604B



009A8E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3604B



5D9131



0099BD



9571CF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3604B



9F7F17



0099BD



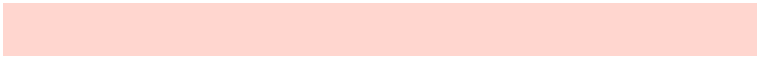
008AE3

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D3604B



FFD6CF



D34BBF



806762



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D3604B



FF593B



D3A34B



69605E



A81A00



290600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4BBED3



3BE1FF



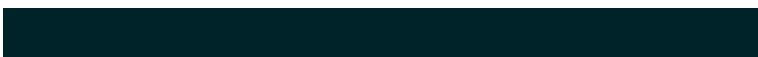
4B7BD3



5E6769



008EA8



002329

Previews

White Background



This preview shows how the Hex color D3604B looks on a white background.

Color Contrast Check

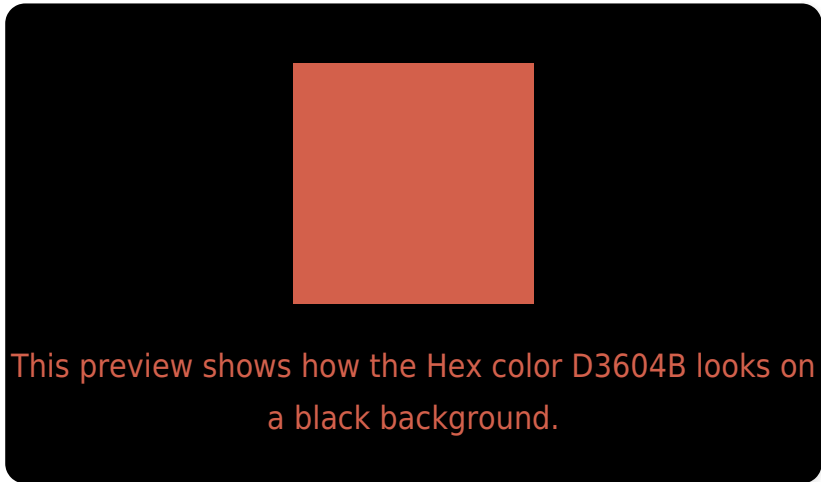
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D3604B Background



This preview shows how black text looks on a background with the Hex color D3604B.



This preview shows how white text looks on a background with the Hex color D3604B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
D3604B

Protanopia
8F8458

Deuteranopia
A17D45



Tritanopia
D45D63

Trichromacy



Original Color
D3604B

Protanomaly
A87753

Deuteranomaly
B37247

Tritanomaly
D45E5A

Monochromacy



Original Color
D3604B

Achromatopsia
808080

Achromatomaly
9E746D

CSS Examples

Text

The CSS property to change the color of the text to Hex D3604B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D3604B looks like.

```
.text, #text, p{  
    color:#D3604B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D3604B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3604B
}
```

Border

The CSS property to change the border of an element to Hex D3604B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D3604B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D3604B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D3604B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3604B; -webkit-box-shadow:4px 4px  
4px 4px #D3604B; box-shadow:4px 4px 4px  
4px #D3604B }
```

Background

The CSS property to change the background color of an element to Hex D3604B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3604B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D3604B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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